

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Previously Presented) A method for displaying a hierarchical list on a graphical user interface, the method comprising:

displaying along a first direction a first list of items at a first display area on a display, at least one of the items of the first list having one or more sub-items associated therewith but not displayed;

upon selection by a user of one of the items from the first list, replacing the first list of items by displaying at the first display area and along the first direction a second list of items comprising one or more of the sub-items associated with the selected item from the first list of items; and

displaying the selected item at a second display area along a second direction different from the first direction.

2. (Previously Presented) The method of claim 1, wherein the item selected from the first list is displayed substantially perpendicular to the one or more sub-items associated therewith.

3. (Cancelled)

4. (Previously Presented) The method of claim 1, further comprising, upon selection by the user of one of the items in the second list, displaying a third list of items at the first display area by replacing the second list of items, the third list of items corresponding to one or more sub-items associated with the item selected from the second list of items.

5. (Previously Presented) The method of claim 4, further comprising vertically displaying at the second display area the item selected from the second list of items.

6. (Previously Presented) The method of claim 5, further comprising vertically displaying the item selected from the first list of items adjacent to the item selected from the second list of items.
7. (Previously Presented) The method of claim 6, wherein the item selected from the second list of items is displayed between the third list of items and the item selected from the first list of items.
8. (Previously Presented) The method of claim 4, further comprising, upon selection of an item from the third list of items, displaying at the first display area a fourth list of items in place of the third list of items, the fourth list of items corresponding to one or more sub-items associated with the item selected from third list of items.
9. (Previously Presented) The method of claim 8, further comprising vertically displaying the item selected from the third list of items adjacent to the fourth list of items.
10. (Previously Presented) The method of claim 9, further comprising vertically displaying the item selected from the third list of items adjacent to the item selected ~~item~~ from the second list of items.
11. (Previously Presented) The method of claim 10, wherein the item selected from the third list of items is displayed between the fourth list of items and the item selected from the second list of items.
12. (Cancelled).
13. (Cancelled).
14. (Previously Presented) The method of claim 10, further comprising, upon user selection of one of the vertically displayed selected items in the second display area, ,

redisplaying a at the first display area the list, list of sub-items associated with the vertically displayed selected item.

15. (Previously Presented) The method of claim 8, further comprising, upon selection of an item from the fourth list of items, displaying at the first display area a fifth list of items by replacing the fourth list of items, the fifth list of items corresponding to one or more sub-items associated with the item selected from the fourth list of items.

16. (Previously Presented) The method of claim 15, further comprising facilitating the selection of any of the previously selected items displayed in the second display area.

17. (Previously Presented) The method of claim 15, further comprising: vertically displaying a maximum of three previously selected items in the second display area, such that upon selection of the fourth item, the first selected item is placed in a non-visible portion of the display adjacent to the second selected item.

18. (Previously Presented) The method of claim 17, further facilitating the traversal of the a screen indicator display to any of the vertically displayed previously selected first, second, third, or fourth items, including the first selected item displayed in the non-visible portion of the display.

19. (Previously Presented) The method of claim 18, further comprising, upon traversal of the screen indicator to the first selected item, moving the first selected item from the non-visible portion to be in place of the second selected item, moving the second selected item to be in place of the third selected item, moving the selected item from the third list of items to be in place of the fourth selected item, and moving the fourth selected item to a further non-visible portion of the display.

20. (Previously Presented) An electronic device having a graphical user interface, the device comprising:

a screen for displaying the graphical user interface;

means for allowing a user to make selections on the graphical user interface; and
image generation means configured to:

cause the display of a first list of items along a first direction on the screen
at a first display area;

upon selection by the user of one of the items in the first list, replace the
first list of items with a second list of items at the first display area, the second list of
items comprising one or more sub-items associated with the selected item; and

cause the selected item to be displayed along a second direction different
from the first direction at a second display area.

21. (Previously Presented) The electronic device of claim 20, wherein the image
generation means is further configured to display the item selected from the first list of
items substantially perpendicular to the second list of items.

22. (Cancelled)

23. (Previously Presented) The electronic device of claim 20, wherein the image
generation means is further configured to display, upon selection by the user of one of the
items in the second list, a third list of items by replacing the second list of items, the third
list of items corresponding to sub-items associated with the item selected from the second
list of items.

24. (Previously Presented) The electronic device of claim 23, wherein the image
generation means is further configured to vertically display the item selected from the
second list of items adjacent the third list of items.

25. (Previously Presented) The electronic device of claim 24, wherein the image
generation means is further configured to vertically display the selected item from the
first list of items adjacent the item selected from the second list of items.

26. (Currently Amended) The electronic device of claim 25, wherein the image generation means is further configured to display the item selected from the second list of items between the third list of items and the item selected from the ~~second~~ first list of items.

27. (Previously Presented) The electronic device of claim 23, wherein the image generation means is further configured to display at the first display area, upon selection by the user of an item from the third list of items, a fourth list of items by replacing the third list of items, the fourth list of items corresponding to one or more sub-items associated with the item selected from third list of items.

28. (Previously Presented) The electronic device of claim 27, wherein the image generation means is further configured to vertically display the item selected from the third list of items adjacent to the fourth list of items.

29. (Previously Presented) The electronic device of claim 28, wherein the image generation means is further configured to vertically display the item selected from the third list of items adjacent the item selected from the second list of items.

30. (Previously Presented) The electronic device of claim 29, wherein the item selected ~~item~~ from the third list of items is displayed between the fourth list of items and the item selected ~~item~~ from the second list of items.

31. (Cancelled)

32. (Cancelled)

33. (Previously Presented) The electronic device of claim 29, wherein the image generation means is further configured to, upon user selection of one of the vertically displayed, selected items redisplay at the first display area the list of sub-items associated with the vertically displayed selected item.

34. (Previously Presented) The electronic device of claim 27, wherein the image generation means is further configured to, upon selection by the user of an item from the fourth list of items, display a fifth list of items by replacing the fourth list of items, the fifth list of items corresponding to one or more sub-items associated with the item selected from the fourth list of items.

35. (Previously Presented) The electronic device of claim 34, wherein the image generation means is further configured to facilitate selection of any of the previously selected items displayed in the second display area.

36. (Previously Presented) The electronic device of claim 34, wherein the image generation means is further configured to display a maximum of three previously selected items in the second display area, and whereupon selection of a fourth item the item selected from the first list of items is moved to a non-visible portion of the graphical user interface adjacent to the item selected from the second list of items.

37. (Previously Presented) The electronic device of claim 36, wherein the image generation means is further configured to facilitate traversal of any of the vertically displayed previously selected items, including the first selected item displayed in the non-visible portion of the graphical user interface.

38. (Previously Presented) The electronic device of claim 37, wherein the image generation means is further configured to cause, upon user traversal of the screen to the item selected from the first list of items,

the indication of the selected item from the first list of items to be moved from the non-visible portion of the graphical user interface to be in place of the selected item from the second list of items;

the selected item from the second list of items to be moved in place of the selected item from the third list of items;

the selected item from the third list of items to be moved in place of the selected

item from the fourth list of items; and

the selected item from the fourth list of items to be moved to a further non-visible portion of the graphical user interface.

39. (Original) The electronic device of claim 20, wherein the electronic device is one of a personal data assistant, a watch, a computer, a television, a home security system, a direct broadcast television system, a personal video recorder, or a cable television system.

Claims 40 – 51. (Cancelled)

52. (Previously Presented) A machine-readable medium having stored thereon a plurality of executable instructions, the plurality of instructions comprising instructions to:

display a first list of items at a first display area horizontally on a display;
upon selection by a user of one of the items in the first list, horizontally display a second list of items by replacing the first list of items at the first display area, the second list of items comprising one or more sub-items associated therewith; and
vertically display at a second display area the selected item.

Claims 53. – 74. (Cancelled)

75. (Previously Presented) The method of claim 1, wherein the first direction is horizontal and the second direction is vertical.

76. (Previously Presented) The electronic device of claim 20, wherein the first direction is horizontal and the second direction is vertical.